AMENDMENTS TO THE SPECIFICATION

Please replace the abstract from the International Application with the following abstract a clean copy is attached hereto on a separate sheet.

A multihop network ~~(100, 400)~~ and nodes ~~(102a-102q and A-G)~~ are described herein that implement a reactive routing protocol ~~(200)~~ that enables resources of the multihop network ~~(100, 400)~~ to be continuously adapted in a distributed/opportunistic manner in response to a topology change within the multihop network ~~(100, 400)~~ so as to optimize the performance of a connection between a source node ~~(102a, A)~~ and a destination node ~~(102m, E)~~. The types of resources that can be adapted include for example: (1) a route; (2) a channel; and/or (3) physical layer parameters. And, the different types of topology changes that can occur include for example: (1) movement of a node ~~(102a-102q and A-G)~~; (2) quality variations in a channel between the source node ~~(102a, A)~~ and the destination node ~~(102m, E)~~; (3) changes in traffic patterns in the multihop network ~~(100, 400)~~; (4) changes in transmit patterns (e.g., power, beamforming direction) in the multihop network ~~(100, 400)~~; and (5) changes in resource allocations in the multihop network ~~(100, 400)~~.